

Title (en)
PROCESS FOR PREPARING HYDRAZIDINES

Publication
EP 0069905 B1 19850529 (DE)

Application
EP 82105706 A 19820628

Priority
DE 3127042 A 19810709

Abstract (en)
[origin: US4456769A] A new one-step process for the preparation of hydrazidines of the general formula <IMAGE> (I) in which R represents an optionally substituted alkyl group, an optionally substituted cycloalkyl group, an optionally substituted aryl group or an optionally substituted aralkyl group, or their acid addition salts, in high yield comprises reacting iminoalkyl ethers of the general formula <IMAGE> (II) in which R has the abovementioned meaning and R1 represents an optionally substituted alkyl group or an optionally substituted cycloalkyl group, or their acid addition salts, with hydrazine in solvents under reduced pressure and at temperatures between -80 DEG and +100 DEG C., the reaction being effected in the presence of water present in the solvent and/or in the hydrazine by employing it as hydrazine hydrate. The hydrazidines of formula (I) and their salts are valuable intermediates in heterocyclic chemistry, for example for the synthesis of herbicidally active as-triazinones.

IPC 1-7
C07C 123/02

IPC 8 full level
A01N 43/64 (2006.01); **C07C 67/00** (2006.01); **C07C 239/00** (2006.01); **C07C 257/22** (2006.01)

IPC 8 main group level
C07C (2006.01); **C07D** (2006.01)

CPC (source: EP US)
C07C 257/22 (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0069905 A2 19830119; EP 0069905 A3 19840201; EP 0069905 B1 19850529; AT E13528 T1 19850615; BR 8203989 A 19830705; CA 1189531 A 19850625; DE 3127042 A1 19830120; DE 3263875 D1 19850704; DK 153783 B 19880905; DK 153783 C 19890116; DK 299182 A 19830110; HU 186540 B 19850828; IL 66237 A0 19821130; IL 66237 A 19860131; JP S5815948 A 19830129; US 4456769 A 19840626; ZA 824862 B 19830427

DOCDB simple family (application)
EP 82105706 A 19820628; AT 82105706 T 19820628; BR 8203989 A 19820708; CA 406441 A 19820630; DE 3127042 A 19810709; DE 3263875 T 19820628; DK 299182 A 19820702; HU 225482 A 19820709; IL 6623782 A 19820706; JP 11634482 A 19820706; US 38790682 A 19820614; ZA 824862 A 19820708